

## Solid Waste Stabilization and Disposition (RL-0013)/Operate Waste Disposal Facility (RL-0080)/Disposition SNF (RL-0012 and HQ-0012X)

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*Last box retrieved to meet TPA  
milestone M-91-40D (4,700 m<sup>3</sup>).  
Completed retrieval of trench 4  
218-W-4C (M-91-40R)*

*First drum retrieved  
from 218-W-4B*



## Overview

This section addresses Project Baseline Summary (PBS) RL-0013, *Solid Waste Stabilization and Disposition; Operate Waste Disposal Facility*; and HQ-0012X, *SNF Stabilization and Disposition Storage Operations*.

NOTE: Unless otherwise noted, all information contained herein is as of the end of November 2006.

## Notable Accomplishments

- Transferred the final box from 218-W-4C Trench 4 to the Treatment, Storage and Disposal (TSD) unit on November 21, 2006, completing Tri-Party Agreement (TPA) milestone M-91-40R, "Complete Retrieval of Trench 4."
- Completed retrieval of 4,700 cubic meters (m<sup>3</sup>) of suspect transuranic (TRU) waste, completing TPA milestone M-91-40D on November 30, 2006.
- Initiated retrieval in Burial Ground 218-W-4B on November 22, 2006. A total of 191 m<sup>3</sup> of suspect TRU waste was retrieved during the month.
- Completed five shipments (31 m<sup>3</sup>) to the Waste Isolation Pilot Plant (WIPP) during November. A backlog of 524 m<sup>3</sup> of certified waste was available for shipment at month end.
- Dispositioned 43 m<sup>3</sup> of Mixed Low-Level Waste (MLLW) during November, all from completion of thermally treatable waste at Perma-Fix. An additional 142 m<sup>3</sup> of waste was shipped for commercial treatment during the month.

## FY 2007 Funds vs. Spend Forecast (\$M)

	Projected FY 2007 Funding	FY 2007 Fiscal Year Spend Forecast	Variance
RL-0013 Solid Waste Stabilization & Disposition	\$ 152.3	\$ 154.9	\$ -2.5
RL-0013B TRU Retrieval	\$ 38.9	\$ 38.9	\$ 0.0
RL-0080 Operate Waste Disposal Facility	\$ 3.6	\$ 3.3	\$ 0.2
RL-0012 SNF Stabilization & Disposition	\$ 2.1	\$ 2.0	\$ 0.1
HQ-0012X SNF Stabilization & Disposition	\$ 0.1	\$ 0.1	\$ 0.0
<b>TOTAL</b>	<b>\$ 197.0</b>	<b>\$ 199.2</b>	<b>\$ -2.2</b>

## FY 2007 Schedule/Cost Performance (\$M)

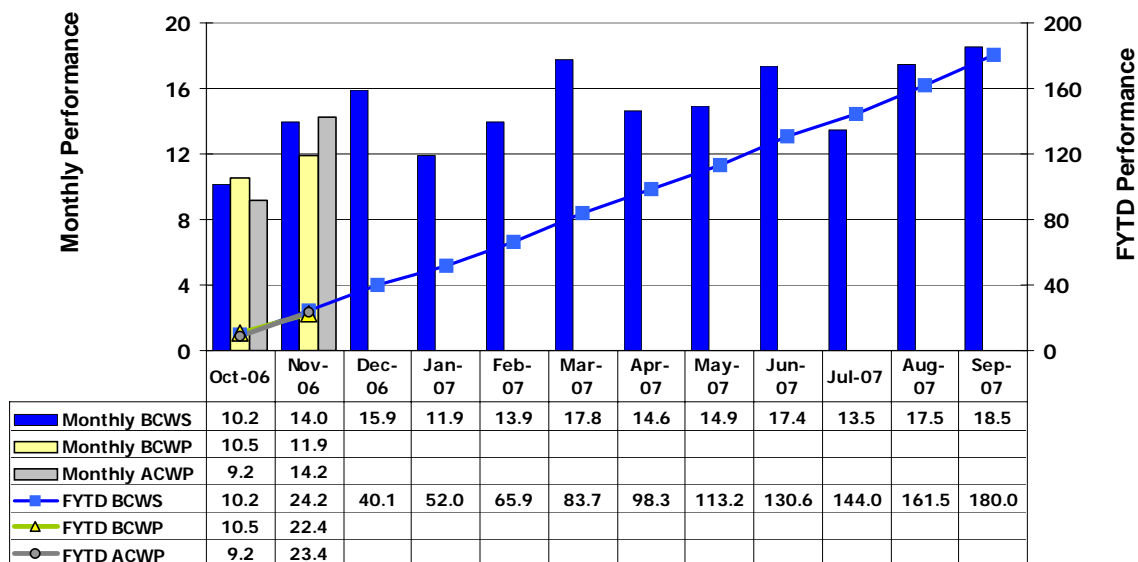
		Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion
RL-0013	Solid Waste Stabilization & Disposition	\$18.9	\$19.9	\$18.3	-\$0.3	-1.3%	\$1.1	4.8%	\$138.8
RL-0013B	TRU Retrieval	\$4.7	\$2.0	\$4.7	-\$2.7	-56.9%	-\$2.6	-131.0%	\$36.1
RL-0080	Operate Waste Disposal Facility	\$0.3	\$0.3	\$0.3	\$0.0	-7.8%	\$0.0	10.7%	\$3.1
RL-0012	Nuclear Facility D&D, Remainder of Hanford	\$0.3	\$0.2	\$0.1	-\$0.1	-39.0%	\$0.1	37.8%	\$2.1
HQ-0012X	SNF Stabilization and Disposition	\$0.0	\$0.1	\$0.1	\$0.1	0.0%	\$0.0	0.0%	\$0.0
<b>Total</b>		<b>\$24.2</b>	<b>\$22.4</b>	<b>\$23.4</b>	<b>-\$1.8</b>	<b>-7.3%</b>	<b>-\$1.0</b>	<b>-4.4%</b>	<b>\$180.0</b>

Numbers are rounded to the nearest \$0.1M and include the closure services allocation.

**Schedule Performance (-\$1.8M/-7.3%):** Retrieval in burial ground 218-W-4B was delayed as resources were diverted to large box retrieval in 218-W-4C, and due to elevated levels of carbon tetrachloride in Trench 7. WIPP Certification is ahead of schedule processing boxes and has shifted to processing drums which is less efficient per cubic meter.

**Cost Performance (-\$1.0M/-4.4%):** Retrieval in burial ground 218-W-4B has been delayed as resources were diverted to large box retrieval in 218-W-4C, and due to elevated levels of carbon tetrachloride in Trench 7. WIPP Certification is ahead of schedule processing boxes and has shifted to processing drums which is less efficient per cubic meter.

### Performance Analysis FYTD and Monthly (\$M)



## Milestone Achievement

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comment
M-091-03D	Submit Revision of TRUM and MLLW PMP to Ecology	TPA	12/28/06		12/28/06	On Schedule
M-91-40D (WMG-07-002)	Retrieve a cumulative 4,700 m <sup>3</sup>	TPA	12/31/06		12/8/06	Ahead of Schedule
M-91-40R (WMG-07-003)	Complete Retrieval of Trench 4, Burial Ground 218-W-4C	TPA	12/31/06		11/30/06	Ahead of Schedule
M-91-42C (WMG-07-004)	Treat a cumulative 4,890 m <sup>3</sup> of Waste to LDR Requirements	TPA	12/31/06	8/29/06		Complete
M-91-42I	Certify 3,000 m <sup>3</sup> of TRU Waste	TPA	12/31/06			Under discussion
M-092-05	Include Cs/Sr Treatment and/or Repackaging Parameters in DOE RFP	TPA	06/30/07		06/30/07	On Schedule
M-26-01P	Submit Annual LDR Report	TPA	4/30/07		4/30/07	On Schedule
M-91-45D	Submit Report on Completed and Scheduled work on RH Boxes and LC RH/CH Waste	TPA	9/30/07		9/30/07	On Schedule
M-91-12	Complete thermal treatment of a cumulative 600 m <sup>3</sup> of CH-MLLW	TPA	11/16/07		11/16/07	On Schedule